

REMARKS

As provided above, in response to the instant Restriction Requirement, Applicants have elected "peptide reporter signals", as suggested by the Examiner. In a phone conference with the Examiner on October 10, 2006, Applicants discussed canceling all pending claims and adding certain new claims directed to the elected group encompassing peptide reporter signals. Applicants gratefully acknowledge that the Examiner's acceptance of this course of action. Accordingly, Applicants have canceled claims 1-471 and 476-525 without prejudice, and added new claims 526-585, drawn to compositions and associated methods of the elected peptide reporter signals. Support for each of these new claims can be found throughout the application as filed, as described in further detail below.

Support for new claims 526-545 can be found throughout the application as filed, for example at page 6, line 30 to page 7, line 4; page 8, lines 20-27 and in Table 1, page 36, where the reporter signals are described, and on page 61, lines 19-23 and on page 61, line 27; page 214, lines 25-26. Support for new claims 546-554 can be found throughout the application as filed, for example at page 8, lines 20-27; page 22, lines 12-15; page 67, lines 8-12; page 106, line 31 to page 107, line 4; page 215, lines 17-19; page 252, lines 1-10 and in Table 1, page 36, where the reporter signals are described, and on page 61, line 27; page 214, lines 25-26. Support for new claims 555-564 can be found throughout the application as filed, for example at page 112, lines 4-8; page 142, lines 4-24; page 143, line 28 to page 144, line 11; page 147, lines 8-18; page 182, lines 14-19 and in Table 1, page 36, where the reporter signals are described, and on page 61, line 27; page 214, lines 25-26. Support for new claims 565-576 can be found throughout the application as filed, for example at page 36, line 20 to page 37, line 6; page 112, lines 4-8; page 170, lines 20-30; page 182, lines 14-19; page 152, lines 18-27; page 212, lines 11-19; page 252, lines 2-10, and in Table 1, page 36, where the reporter signals are described, and on page 61, line 27; page 214, lines 25-26. Support for new claims 577-580 can be found throughout the application as filed, for example at page 97, lines 14-17; page 110, lines 23-30; page 110, line 31 to page 111, line 5, and in Table 1, page 36, where the reporter signals are described, and on page 61, line 27; page 214, lines 25-26. Support for new claims 581-585 can be found throughout the application as filed, for example at page 97, lines 14-17; page 100, lines 8-11; page 110, line 31 to page 111, line 5; and in Table 1, page 36, where the reporter signals are described, and on page 61, line 27; page 214, lines 25-26.

CONCLUSIONS

Applicants respectfully aver that new claims 526-585 are in good condition for allowance, and further and favorable consideration of all these claims is respectfully requested. No fees are believed due, however, please charge any payments due or credit any overpayments to our Deposit Account No. 08-0219. If a telephone interview would advance prosecution of the application, the Examiner is invited to call the undersigned at the number listed below.

Respectfully submitted,

Dated: October 13, 2006

A handwritten signature in black ink, appearing to read "James T. Olesen", written over a horizontal line.

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